

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>1008P005PCTf</b>	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"><b>FOR FURTHER ACTION</b></div> <div style="text-align: right; font-size: small;">see Form PCT/ISA/220 as well as, where applicable, item 5 below.</div> </div>
International application No. <b>PCT/SG2005/000089</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">International filing date <i>(day/month/year)</i> <b>22 March 2005</b></div> <div style="width: 40%;">(Earliest) Priority Date <i>(day/month/year)</i> <b>8 April 2004</b></div> </div>
Applicant <b>ERH, Poh Soon</b>	

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II).

3. ☐ **Unity of invention is lacking** (See Box No. III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. **2**

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

**Box No. IV Text of the Abstract (Continuation of item 5 of the first sheet)**

A frustoconically-shaped paint roller (210) to selectively apply paint to surfaces and surface corners is described. The paint roller has a rolling guide (280) that permits the roller to rotate eccentrically so as to accommodate rough or uneven surfaces. A circular integral guard (260) of predetermined diameter is present to prevent the user from applying excessive force when using the roller and squeezing paint from the roller. When used correctly, the integral guard does not contact the surface to be painted. One embodiment of the invention has a chamber (270) to store paint so that the repeated frequent charging of the roller with paint from a can or tray is avoided.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2005/000089

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. <sup>7</sup>: B05C 17/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI IPC B05C 17/--, B44D 3/--, A46B 11/-- &amp; keywords: (taper, tapered, conic, conical, frustoconical, edge, corner, adjoin, intersect, guard, guide, shield, barrier, plate, disc, disk) and similar terms

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3933415 A (WOOLPERT) 20 January 1976 See abstract; figure 9; column 4, lines 10-25; column 7, lines 35-50.	1-3, 6
Y	WO 2003/082479 A1 (ER) 9 October 2003 See entire document. In particular, see the abstract, figures 1-6; page 2, lines 14-20; page 4, line 29-31; page 5, line 1; page 6, lines 5-11.	1-6
Y	NL 8301130 A (SCHULER) 16 October 1984 See abstract, figure 1.	1-6



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
19 May 2005Date of mailing of the international search report  
24 MAY 2005Name and mailing address of the ISA/AU  
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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/SG2005/000089**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
US	3933415	NONE					
WO	2003082479	AU	2003202849	CA	2478382	EP	1490180
NL	8301130	NONE					
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							